

REMARKS

In the Final Office Action dated 6/15/2005, Claims 1-14 are rejected under 35 USC 103(s) as being unpatentable by Diaz et al. (US Pat No.: 6,476,858, hereinafter "Diaz") or in view of Allen et al (US Pat No.: 5,892,535, hereinafter "Allen").

The Examiner is appreciated for his thoughtful review and comments. After reviewing the comments by the Examiner, the Applicants respectfully conclude that some distinctive features recited in the claims may have been overlooked. Rather than amending the claims extensively, the Applicant chose to cancel the originally pending claims 1-14 without prejudice and submit new claims 15-28. Kind consideration of the new Claims 15-28 is respectfully requested in view of the following remarks.

Claim 15 is set forth below:

a number of channel interfaces units, each of the channel interfaces units coupled to a field terminal and receiving data over an E1 channel from the field terminal, wherein each of the channel interfaces units comprises at least a channel transceiver to communicate with the field terminal, wherein the field terminal is configured to package audio, video, and alarm data as E1 frames and transport the data over the E1 channel that is also used to send control information from a view station to the field terminal;

a network interface coupled to a data network; and

an information process kernel coupled between the channel interfaces units and the network interface, the information process kernel executing instructions for organizing the audio, video, and alarm data received by the channel interface units to be transmitted on the Ethernet, and forming alarm signals correspondingly from the alarm data.

(emphasis added)

Supported in FIG. 2 of the instant application, Claim 15 clearly recites that data from a field terminal is received from an E1 channel. The field terminal is configured to package audio, video, and alarm data as E1 frames and transport the data over the E1 channel. After the data is received, the information process kernel, as supported between line 10-16 of page 5, executes instructions for organizing the audio, video, and alarm data received by the channel interface units to have the audio and video data transmitted on the Ethernet, and forming alarm signals

correspondingly from the alarm data. It is noted that the alarm signals are respectively formed in the information process kernel from the received alarm data while the audio and video data are transmitted over the LAN independently.

In contrast, as shown in FIG. 7, Diaz shows a computerized video mentoring and security system based on a standard PC platform, each of the cameras is directly coupled to a PC, for example, cameras 4a-4x are coupled to a PC 1a. Therefore there is no need to package audio, video, and alarm data as E1 frames and transport the data over the E1 channel.

Next Diaz fails to teach or suggest that a client (e.g., an information process kernel), executes instructions for organizing the received audio, video, and alarm data to be transmitted on the Ethernet, and, substantially at the same time, forming alarm signals correspondingly from the (received) alarm data. The Applicant wishes to refer the Examiner to lines 128 of Col. 3, Diaz teaches how to use an alarm signal to trigger an event so that image data in accordance with the alarm can be saved, emailed or attended to. Diaz does not teach or suggest that the alarm data is transported with the audio and video data and later in the video server an alarm signal is formed from the alarm data. Evidently, Diaz teaches away from the claimed invention.

In view of the above amendments and remarks, the Applicants believe that Claims 15-28 shall be in condition for allowance over the cited references. Early and favorable action is being respectfully solicited.

If there are any issues remaining which the Examiner believes could be resolved through either a Supplementary Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at (408)777-8873.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner of Patents and Trademarks, Washington, DC 20231", dated 9/15/2005

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Respectfully submitted;

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